



MJ:RCE


01/23/04 6333-67325 248005

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Dickey et al.**Application No.** 10/713,362**Filed:** November 14, 2003**Confirmation No.****For:** METHODS AND APPARATUS FOR THE
PRODUCTION OF OPTICAL FILTERS**Examiner:****Art Unit:****Attorney Reference No.** 6333-67325**CERTIFICATE OF MAILING**

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on the date shown below.

Attorney
for Applicant(s) Date Mailed January 23, 2004**INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. § 1.97(b)(3)**

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language. Applicants respectfully request that these documents be listed as references cited on the issued patent.

This statement is provided in compliance with 37 C.F.R. # 1.97(e)(1). The undersigned hereby certifies that each item of information contained in the IDS filed herewith was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the IDS.

Applicants filed this Information Disclosure Statement ("IDS") before the mailing date of a first Office action on the merits. As a result, no fee should be required to file this IDS.

However, if the Patent Office determines that a fee is required for Applicants to file this IDS,

please charge any such fees, or credit overpayment, to Deposit Account No. 02-4550. A


duplicate copy of this Information Disclosure Statement is enclosed.

The filing of this IDS shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in 37 C.F.R. §1.56.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

By

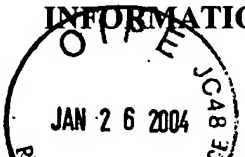


Michael D. Jones

Registration No. 41,879

One World Trade Center, Suite 1600
121 S.W. Salmon Street
Portland, Oregon 97204
Telephone: (503) 226-7391
Facsimile: (503) 228-9446

cc: Docketing

INFORMATION DISCLOSURE STATEMENT BY APPLICANT 	Attorney Docket Number	6333-67325
	Application Number	10/713,362
	Filing Date	November 14, 2003
	First Named Inventor	Dickey et al.
	Art Unit	
Examiner Name		

U.S. PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Date	Name
		4,915,476	4-10-90	Hall et al
		5,102,694	4-7-92	Taylor et al.
		5,164,040	11-17-92	Eres et al.
		5,458,084	10-17-95	Thorne et al.
		5,472,505	12-5-95	Lee et al
		5,724,144	3-3-98	Muller et al.
		5,916,365	6-29-99	Sherman

FOREIGN PATENT PUBLICATION

Examiner's Initials*	Cite No. (optional)	Number	Date	Country
		0 416 251 A2	3-13-91	European
		61018124	1-27-86	Japanese Abstract

OTHER DOCUMENTS

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
		Kukli et al., "Real-Time Monitoring in Atomic Layer Deposition of TiO ₂ from TiI ₄ and H ₂ O—H ₂ O ₂ " Langmuir 2000, 16: 8122-8128
		Juppo et al., "In Situ Mass Spectrometry Study on Surface Reactions in Atomic Layer Deposition of Al ₂ O ₃ Thin Films from Trimethylalumin and Water", Langmuir 2000, 16, 4034-4039
		Aarik et al., "Anomalous effect of temperature on atomic layer deposition of titanium dioxide", Journal of Crystal Growth 220 (2000) 531-537

EXAMINER SIGNATURE:	DATE CONSIDERED:
* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.	